

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005895**Date Inspected:** 13-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai,China**CWI Name:** Chen Chih Ming**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Chandrakumar.S, was present during the times noted above for observations relative to the work being performed.

SEG – 4AE

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as Segement Bottom and Side Plate(4AE) .The weld designations reviewed as follows:

BP16A-03,05.

BP17A-02,05.

BP18A-03,04.

SP15A-03,06.

LD008-001-01,02,08,03.

BAY#19

@On going FCAW Welding of Weld Joint 1G- 001 Located on BP025-004 Welder no indentified as 067550 and The welding variables recorded by QC ZMPC to comply with the WPS-B-T-2231-B-U2-F and WPS-B-T-2221-B-L2C-S-2.

@On going FCAW Welding of Weld Joint 2F- 004,006 Located on BP027-001 Welder no indentified as 062750, 062735 and The welding variables recorded by QC ZMPC to comply with the WPS-B-T-2132-3.

BAY#14

WELDING INSPECTION REPORT

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@On going SMAW Welding of Weld Joint 1G- 20 Located on SEG028B Welder no indentified as 066012 and The welding variables recorded by QC ZMPC to comply with the WPS-B-T-2231-B-U2-F.

@Fit-up inspection of SEG 1AW SEG003-004 (DP555A & DP575A).

BAY#13

@@On going FCAW Welding of Weld Joint 2F-106,107,109 Located on SSD40-PP014 Welder no indentified as 053156 and The welding variables recorded by QC ZMPC to comply with the WPS-B-T-2132.

@@On going SMAW Welding of Weld Joint 2F-68,69,70 & 3F-124,125 & 3G-07,08 Located on SSD11-PP15 Welder no indentified as 037944 & 066683 and The welding variables recorded by QC ZMPC to comply with the 3F-WPS-B-T-2133, 2F-WPS-B-T-2132, 3G-WPS-B-T-2233-B-U2-F.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents

Summary of Conversations:

No relevant conversation

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
